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IDENTIFICATION AND INTERPRETATION OF TECTONIC
FEATURES FROM SKYLAB IMAGERY

EREP Investigation No. 438

Monthly Report

December 1, 1974 - December 31, 1974

Contract No. NAS9-14440

Prepared for

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Lyndon B. Johnson Space Center
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Houston, Texas 77058

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EREP INVESTIGATION MONTHLY REPORT

December 1, 1974 to December 31, 1974

Title: Identification and Interpretation of Tectonic Features
from Skylab Imagery, Contract NAS9-14440

Status

During this period we followed the structural lineaments studied during the last reporting period into southwestern Arizona. Four S190-A color photographs were used:

SL4-76-227

SL4-76-229

SL4-76-230

SL4-76-232

Significant Results

- 1) A remarkable system of northwest and west-northwest trending faults was found to continue from eastern California into southwestern Arizona. The most significant is a fault belt which extends from west of Marble Mountains (southeastern California) across the Colorado River at Parker Valley towards Silver Bell Mountains, southern Arizona.

Plans for Next Period

We plan to study the Transverse faults in the area east of the Salton Sea in relation to the San Andreas fault.

Problems

None

Published Articles

None